



1430 Highway 87 East
Billings, MT 59101



SPECIFICATIONS

MAC-LTT Mfg., Inc. Aluminum 750 Cubic Foot 2-Axle B-Train Rear Semi Trailer

A General

1	Trailer Type	Aluminum pneumatic single hopper B-train rear semi trailer (non-food grade).
2	Capacity	750 cubic foot.
3	Overall Height	13'-4" (160").
3	Overall Width	8'-6" (102").
4	Operating Pressure	15 psi.
5	Vessel Finish	5454-H32 buffed aluminum.
6	Heads	5454-H32 buffed aluminum.
7	Max. Loading Temp.	150 degrees Fahrenheit.
8	Product	Dry bulk.
9	Warranty	Three year limited warranty.
10	Coupler Height	48" ground to coupler surface.

B Air Supply, Loading & Discharge

1	Hot Air Supply	3" sch. 10 aluminum pipe with male adapter on a 90° elbow facing up on streetside with spring type check valve located just behind inlet. Tee aeration at hopper area with 3" butterfly valve and spring type check valve.
2	Aeration	Upper aeration to include (3) flow cones mounted to each lower hopper with stainless steel hopper savers. Each hopper to include a 2" ball valve on streetside to control air flow.
3	Top Air Supply	2" sch. 10 aluminum pipe plumbed from top of vessel in to hot air supply on streetside front of trailer. Air supply controlled with 2" butterfly valve.
4	Blow Down Line	2" sch. 10 aluminum pipe plumbed from top of vessel to streetside front of trailer. Controls to include 2" butterfly valve and cam-lock mounted 2" pop-off valve set at 15 psi.
5	Manhole Type	(2) 20" cam-latch style opening towards curbside with internal contact pad. Locate each lid 50" forward and rearward of centerline.
6	Discharge	8" butterfly valve attached to a low profile 4" x 8" x 4" aluminum gravity discharge tee. Terminate at front with 4" steel pipe angled 45° towards streetside. Terminate outlet with 4" male adapter and dust cap.
7	Gravity Dump Discharge	Included as part of each discharge tee.
8	Vibrators	Vibco VS-250HS turbine vibrator with individual 1/4" ball valve.
9	Oiler (Vibrator)	None-optional.
10	Hot Air Silencer	None-optional.

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C Trim		
1	Document Holder	None-optional.
2	Pressure Gauges	(2) Liquid filled 0-30 psi to indicate tank pressure and to indicate line pressure. Gauges located streetside front of discharge above fender.
3	Blower Hose	(1) 3" x 12' hose with female cam-lock fittings each end. Transport hook and storage coupler located at streetside front.
4	Jump Hose	None-optional.
5	Product Hose	None-optional.
6	Safety Cable	3/8" galvanized steel cable located full length on streetside.
7	Placards	None-optional.
8	Hitch	None
9	Bumper	None when wheels back exemption applies.
10	Fire Extinguisher	None-optional.
11	Chain Hanger	None-optional.
D Fenders		
1	Fenders-Front	None
2	Fenders-Rear	Ribbed aluminum, double radius mounted to the rear frame. Set fenders at 102" wide.
3	Mudflaps	MAC LTT mudflaps at rear of all fenders. Quarter flaps at front of all fenders.
E Landing Gear		
1	Landing Gear	JOST AX150 ALUMILIGHT landing gear.
2	Crank Location	Streetside.
3	Frame	Formed aluminum pedestal frame.
F Upper Fifth Wheel Coupler		
1	King Pin Plate	Undermount steel upper coupler.
G Ladder/Platform/Walkway		
1	Ladder	Weld-on aluminum at front with non-slip steps and grab handles.
2	Top Walkway	Non-skid tape between full length toe rails.
H Hose Carrier		
1	Hose Carrier	None-optional.
2	Hose Carrier Location	None-optional.
I Suspension / Undercarriage		
1	Suspension	Hendrickson AANT 23K tandem axle with 47" axle spacing.
2	Axles	(2) Hendrickson, 5.75" round, 77.5" track, "P-series" spindles, RTR.
3	Springs	(4) Air Springs
4	Hubs	Walther EMC Dura-Light
5	Drums/Rotors	Fabricated steel.

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6	Dump Valve	None-optional if applicable.
7	Brakes	16.5" x 7" HXS. (Optional Air Disc Brakes)
8	Brake Chambers	Spring brake chambers.
9	Slack Adjusters	5.5" automatic slack adjusters.
10	Seals	Oil seals and hubcaps.
11	ABS System	WABCO 2S/1M ABS with rear malfunction warning light at front of rear fender streetside.
12	Suspension Frame	Extruded aluminum design.
13	Roll Stability	None-optional.
14	Hubometer	None-optional.

J Tires / Wheels

1	Wheels	8.25 X 22.5 Aluminum buffed finish.
2	Tires	11R22.5 General HT, LRG.
3	Tire Carrier	None-optional.
4	Tire Inflation	None-optional.

K Electrical / Wiring

1	Trailer Connections	Gladhands and electrical located at front center.
2	Pup Operation	N/A.
3	Light System	Truck-Lite LED system: (3) LED tail lights in aluminum light housing per side. (1) LED marker light per side at front. (1) LED midship turn/marker per side. (1) LED marker light per side on rear light housing (high profile). (1) LED 3 light I.D. cluster on rear end dam plate (dual function). (1) License plate light. (1) Pressure gauge light.
4	Shell Mounted Clearance	None-optional.
5	Backup Light(s)	None-optional.
6	Work Light(s)	None-optional.

L Paint / Finish

1	Paint	Bare steel parts painted with SEM coating or powder coated.
2	Color	Black.
3	Conspicuity	DOT conspicuity reflective located off shell.
4	Decals	Standard safety and warning decals.